

IN THE CLAIMS:

Claims 1-71, 73, 76, 82 and 107-123 were previously cancelled. Claim 72 is currently amended. Claims 74, 75, 77-81 and 83-106 continue to be withdrawn from consideration, all as follows:

Claims 1-71 Cancelled

72. (Currently Amended) A printing press comprising:

a first printing group including a first forme cylinder having a first forme cylinder axial direction and a first forme cylinder circumferential direction, and a first ink transfer cylinder adapted to transfer an initial a first portion of at least one resultant common printed image to a material to be printed as the material to be printed is passed through said first printing group in a production direction;

a second printing group including a second forme cylinder having a second forme cylinder axial direction and a second forme cylinder circumferential direction, and a second ink transfer cylinder adapted to transfer a subsequent second portion of said at least one resultant common printed image to the material to be printed as the material to be printed is passed through said second printing group in said production direction, said second printing group being located after said first printing group in said production direction;

at least one first printing forme on said first forme cylinder and having at least one of first and second initial print image locations, each of said at least first and

second initial print image locations being correlated with said at least one common resultant printed image, said at least two first initial print image location locations having a first initial print image location length in said circumferential direction of said first forme cylinder and a first initial print image location width in said axial direction of said first forme cylinder, said second initial print image location having a second initial print image location length in said circumferential direction of said first forme cylinder and a second initial print image location width in said axial direction of said first forme cylinder, at least one of said first and second initial print image location lengths and said first and second initial print image location widths differing from each other by at least one of an initial a-first print image location length factor and an initial a-first print image location width factor;

at least one second printing forme on said second forme cylinder and having at least one of third and fourth subsequent print image locations, each of said at least third and fourth subsequent print image locations being correlated with said at least one common resultant printed image, said at least third subsequent print image location having a third subsequent print image location length in said circumferential direction of said second forme cylinder and a third subsequent print image location width in said axial direction of said second forme cylinder, said fourth subsequent print image location having a fourth subsequent print image location length in said circumferential direction of said second forme cylinder and a fourth subsequent print image location width in said axial direction of said second forme cylinder, at least one of said third and fourth subsequent print image location lengths and said third and fourth subsequent print image location widths differing from each other by at least one of a

subsequent second print image location length factor and a subsequent second print image location width factor;

image application systems adapted to form said first and second initial print image locations on said at least one first printing forme and said third and fourth subsequent print image locations on said at least one second printing forme ~~on said first and second forme cylinder~~; and

at least one of an estimated a longitudinal elongation of the material to be printed in said production direction and an estimated a transverse elongation of the material to be printed transverse to said production direction and occurring in the material to be printed as the material travels in said production direction from said first printing group to said second printing group, said estimated longitudinal elongation having a longitudinal elongation factor, said estimated transverse elongation having a transverse elongation factor, a spacing of said at least first and second initial print image locations on said at least one first printing forme on said first forme cylinder, and a spacing of said at least third and fourth subsequent print image locations on said at least one second printing forme on said second forme cylinder being arranged by said image application systems system on said first and second printing formes in accordance with at least one of said longitudinal elongation factor and said transverse elongation factor, said first and second print image location length factors and said first and second print image location width factors each being as a function of at least one of said longitudinal elongation factor and said transverse elongation factor, said image application systems forming said initial and said subsequent print images on said at least one first and second printing formes forme cylinders dependent on said at least

one of said longitudinal elongation factor and said transverse elongation factor and prior to printing of said material to be printed.

73. (Cancelled)

74. (Withdrawn) The printing press of claim 72 wherein each of said print image locations and said at least one printing forme on at least one of said first and second forme cylinders cylinder each have a center point, said center points of said print image locations being aligned in an axial direction of said forme cylinder, said center point of a first one of said print image locations differing from said center point of a second one of said print locations positions as a function of one of said longitudinal elongation factor and said transverse elongation factor.

75. (Withdrawn) The printing press of claim 74 further wherein said center points of each of said at least two print image locations on said at least first and second forme cylinder differ from each other as a function of one of said longitudinal elongation factor and said transverse elongation factor.

76. (Cancelled)

77. (Withdrawn) The printing press of claim 72 wherein each of said longitudinal elongation factor and said transverse elongation factor is a function of one of a mechanical stretching and a dampening of the material to be printed.

78. (Withdrawn) The printing press of claim 72 wherein said longitudinal elongation factor and said transverse elongation factor are variable.

79. (Withdrawn) The printing press of claim 72 wherein said material to be printed is a web.

80. (Withdrawn) The printing press of claim 72 wherein each said forme cylinder has six of said print image locations in said axial direction.

81. (Withdrawn) The printing press of claim 72 wherein each said forme cylinder has two of said print image locations in said circumferential direction.

82. (Cancelled)

83. (Withdrawn) The printing press of claim 72 wherein each said forme cylinder has six of said printing formes in said axial direction.

84. (Withdrawn) The printing press of claim 72 wherein each said forme cylinder has two of said printing formes in said circumferential direction.

85. (Withdrawn) The printing press of claim 72 wherein said first transfer cylinder and said second transfer cylinder transfer different portions of said resultant common ink image to the material to be printed.

86. (Withdrawn) The printing press of claim 72 wherein each of said first transfer cylinder and said second transfer cylinder transfer different ink colors to said resultant common printed image.

87. (Withdrawn) The printing press of claim 72 further including at least four printing groups arranged in said production direction, said ink transfer cylinder of each of said at least four printing groups transferring a different ink color to said resultant common printed image.

88. (Withdrawn) The printing press of claim 72 wherein each said ink transfer cylinder operates as an offset cylinder.

89. (Withdrawn) The printing press of claim 72 wherein said at least first and second printing groups imprint said material to be printed in recto and verso printing,

90. (Withdrawn) The printing press of claim 72 wherein said first and second ink transfer cylinders roll off each other in at least one printing group, said material to be printed passing between said first and second ink transfer cylinders.

91. (Withdrawn) The printing press of claim 72 wherein said printing press is a newspaper printing press.

92. (Withdrawn) The printing press of claim 72 further including at least one printing forme holding device on each said forme cylinder.

93. (Withdrawn) The printing press of claim 72 further including at least one register pin in at least one of said first and second forme cylinders, said register pin being usable to align said at least one printing forme in said axial direction.

94. (Withdrawn) The printing press of claim 72 wherein said at least one printing forme is displaced axially as a function of said transverse elongation factor.

95. (Withdrawn) The printing unit of claim 72 further including a controllable actuator adapted to displace said at least one printing forme.

96. (Withdrawn) The printing press of claim 72 further including one of a printing forme holding device and a printing forme register pin in each said forme cylinder and at least one controllable actuator adapted to displace said one of said holding device and register pin.

97. (Withdrawn) The printing press of claim 96 further including a plurality of printing formes on each said at least one forme cylinder and wherein each of said plurality of printing formes is provided with said one of said holding device and said register pin.

98. (Withdrawn) The printing press of claim 72 further including a plurality of said printing formes on at least one of said forme cylinders, each of said plurality of printing formes being individually axially shiftable.

99. (Withdrawn) The printing press of claim 72 further including a controllable drive mechanism for at least one of said forme cylinder and said transfer cylinder of one of said first and second printing groups.

100. (Withdrawn) The printing press of claim 72 further including a phase relationship between said first printing group and said second printing group, said phase relationship being controlled as a function of said longitudinal elongation factor.

101. (Withdrawn) The printing press of claim 100 further including means to continuously control said phase relationship.

102. (Withdrawn) The printing press of claim 100 further including means to control said phase relationship while said printing press is operational.

103. (Withdrawn) The printing press of claim 72 further including a control console for said printing press.

104. (Withdrawn) The printing press of claim 73 further including a memory for at least one of said first and second printing groups, and wherein said memory contains at least one value for at least one of said length factor and said width factor.

105. (Withdrawn) The printing press of claim 74 further including a memory for at least one value of said center point of said at least first and second printing groups following each other in said production direction.

106. (Withdrawn) The printing press of claim 74 further including a memory for at least one value of said center points of said two print image locations on one of said first and second forme cylinders.

107-123 (Cancelled)